

## **CORETEC INCORPORATED.**

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Coretec Incorporated is a Newfoundland-based applied research and development company, established in 1988. Coretec's objectives are to provide ice and iceberg forecasting services, information technology, data analysis, computer system management and ocean and environmental engineering support to the offshore industry.

Coretec, in conjunction with C-Core - Centre for Cold Ocean Resources Engineering, has developed the Integrated Sea Ice and Iceberg Forecasting System (IIFS), with the support of the oil industry and government agencies. The system incorporates iceberg, ice ensemble (a cluster of icebergs) and sea ice edge prediction models that have been used in support of drilling activities off Canada's east coast for several years. An Expert System for Ice Management (ExSIM) has also been developed and integrated into the IIFS to aid in decision-making. The IIFS was tested and evaluated during the Canadian Atlantic Storms Program (CASPII), where it provided successful ice edge forecasts throughout the experiment.

**Mrs Mona El-Tahan**  
President